

REMARKS

This response is submitted in reply to the Office Action mailed on May 25, 2006. Claims 1, 4-8, 10-24 and 41-43 are pending in the patent application. Claims 1, 4-8 and 10-12 are indicated as being allowed. Claims 13, 14 and 21 have been amended. Claim 42 has been cancelled without prejudice or disclaimer. No new matter has been added by this response.

Claims 14, 15, and 21 are rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention. Applicants have amended claims 14 and 21 to overcome the §112 rejection. Regarding the rejection of claim 15, the composition specified in claim 14 is changed into the composition specified in claim 15 during the process of being used as a hologram recording material. That is, the composition actually prepared may belong in both claims 14 and 15. Therefore, we believe that the scope covered in independent claim 13 cannot be fully protected if both claims 14 and 15 do not remain in the application. Accordingly, we did not cancel claim 15.

Claims 13-24, 41 and 43 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,524,771 to Maeda et al. ("*Maeda*") in view of U.S. Patent No. 5,702,846 to Soto et al. ("*Soto*") and in further view of Baney et al. "Silsequioxanes," Chem. Rev. vol. 95(5), pp. 1409-1430 (1992) ("*Baney*").

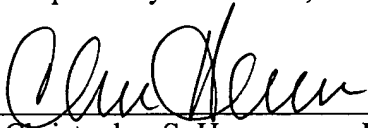
In the Office Action, the Patent Office states that claim 42 is objected to as being dependent upon a rejected base claim but will be allowable if rewritten in independent form including all of the limitations of the base claim, (i.e., claim 13) and any intervening claims. Applicants have amended claim 13 to include the subject matter of claim 42. Applicant therefore

submits that amended claim 13 and claims 14-24, 41 and 43, which depend from amended claim 13, are each patentable over the cited art and in condition for allowance.

For all of these reasons it is submitted that the subject matter of the claims is patentable over the prior art of record. Favorable reconsideration is respectfully requested.

Respectfully Submitted,

Date: 9-25-06

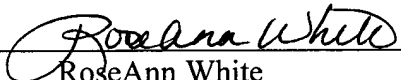

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I hereby certify that this paper is being deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Mail Stop: FEE AMENDMENT.

Date: 9-25-06


RoseAnn White